



FEMA



Prepared by
Melissa Beat

FEMA Region 6 Weather Threat Briefing

Monday May 22, 2023

Disclaimer: The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to www.weather.gov/srh.



NWSSouthern

www.weather.gov/srh



Summary of the Upcoming Week

- **Slight risk for severe storms over W TX and W OK today, and over NE NM, W TX, and W OK on Tuesday. Marginal risk for NE NM, W TX, and W OK on Wednesday.**
- **Marginal risk for heavy rain/flash flooding across W OK and NW TX today, and over Ctrl OK and N-Ctrl TX on Tuesday.**
- **Minor river flooding across SE TX should end by Tuesday as river levels continue to lower.**



FEMA Region 6 Threat Matrix

May 22, 2023 - May 26, 2023

| DAY / THREAT | Mon | Tue | Wed | Thu | Fri |
|--------------------------------|-------------|--------------------|-----------------|----------------------------|------------------|
| Severe Storms | W TX,W OK | NE NM,W TX,W OK | NE NM,W TX,W OK | | |
| Heavy Rain / Flash Flooding | W OK, NW TX | Ctrl OK, N-Ctrl TX | | | |
| Fire Weather | | | | | |
| Tropical Winds / Surge | | | | | |
| River Flooding | SE TX | SE TX, ETX, AR | SE TX, ETX, AR | Ctrl NM, SE TX, ETX, AR | Ctrl NM, ETX, AR |
| | ETX, AR | | | | |

| | |
|--|-----------------------------------|
| | No Weather Threats Expected |
| | Very Common – Happens Often |
| | Common – Happens Frequently |
| | Uncommon – A Few Times a Year |
| | Rare – Once Every 1-5 Years |
| | Very Rare – Once Every 5-10 Years |

Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.

For more details on the colors in the threat matrix refer to the last slide in this briefing.



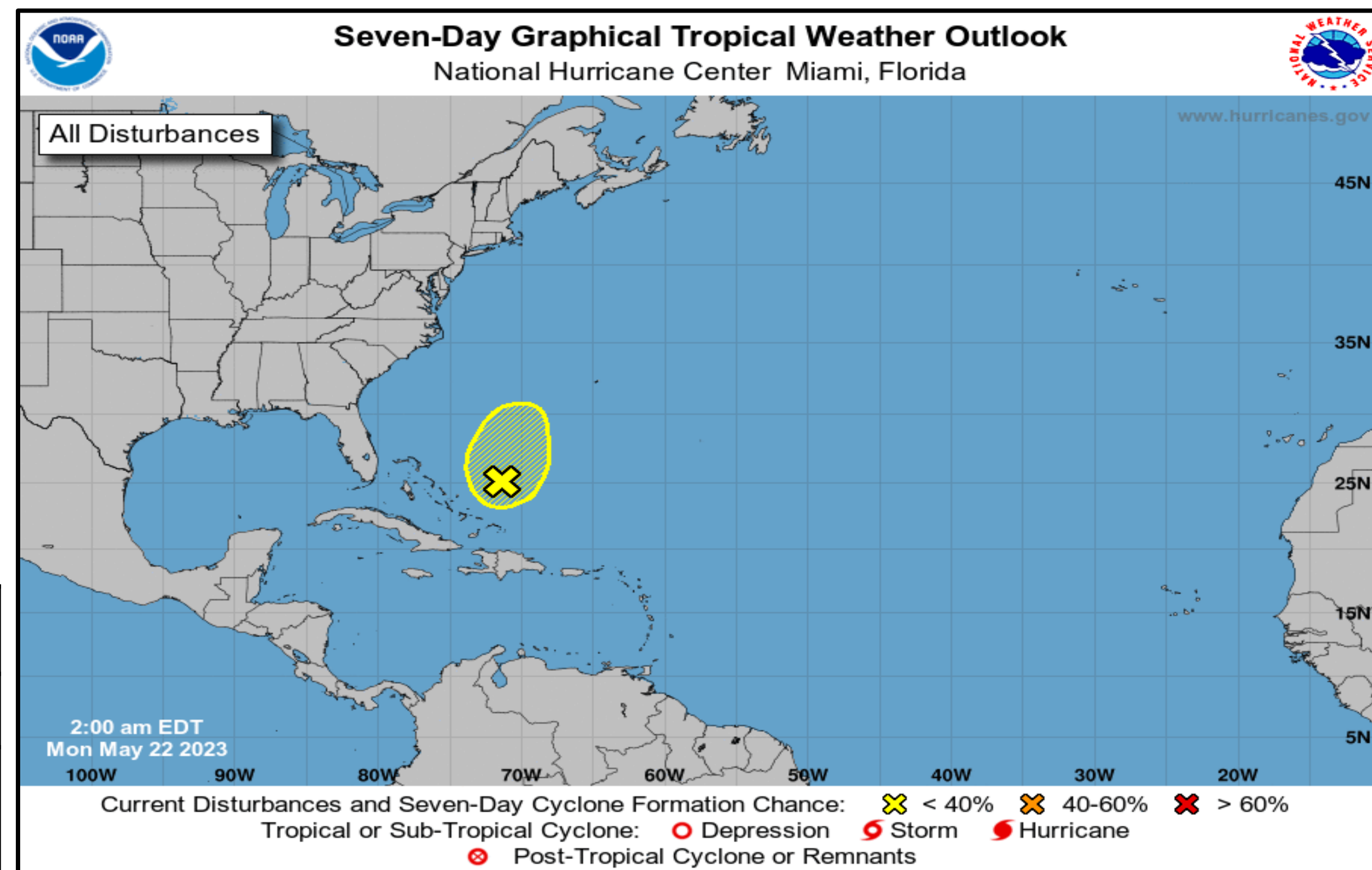
Tropical Weather Outlook – Atlantic/Gulf

Areas of Possible Development

| Area | Chance of Development | Potential Impacts to FEMA 6 |
|------|-----------------------|-----------------------------|
| 1 | Low | None |

Active Tropical Cyclones

| Storm | Potential Impacts to FEMA 6 |
|-------|-----------------------------|
| - | |

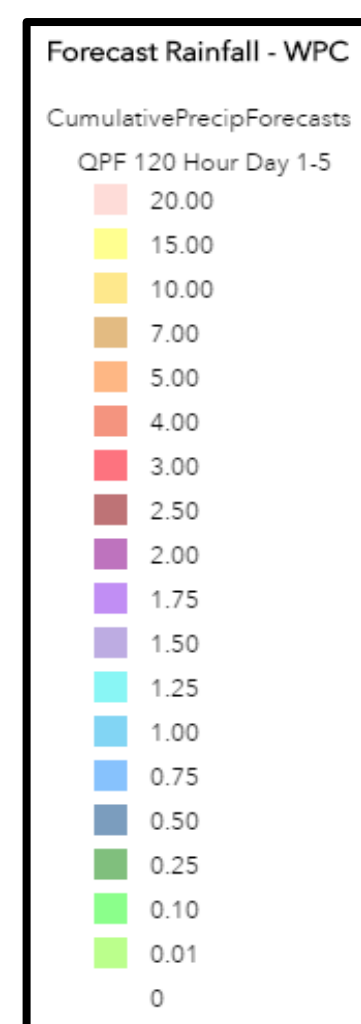
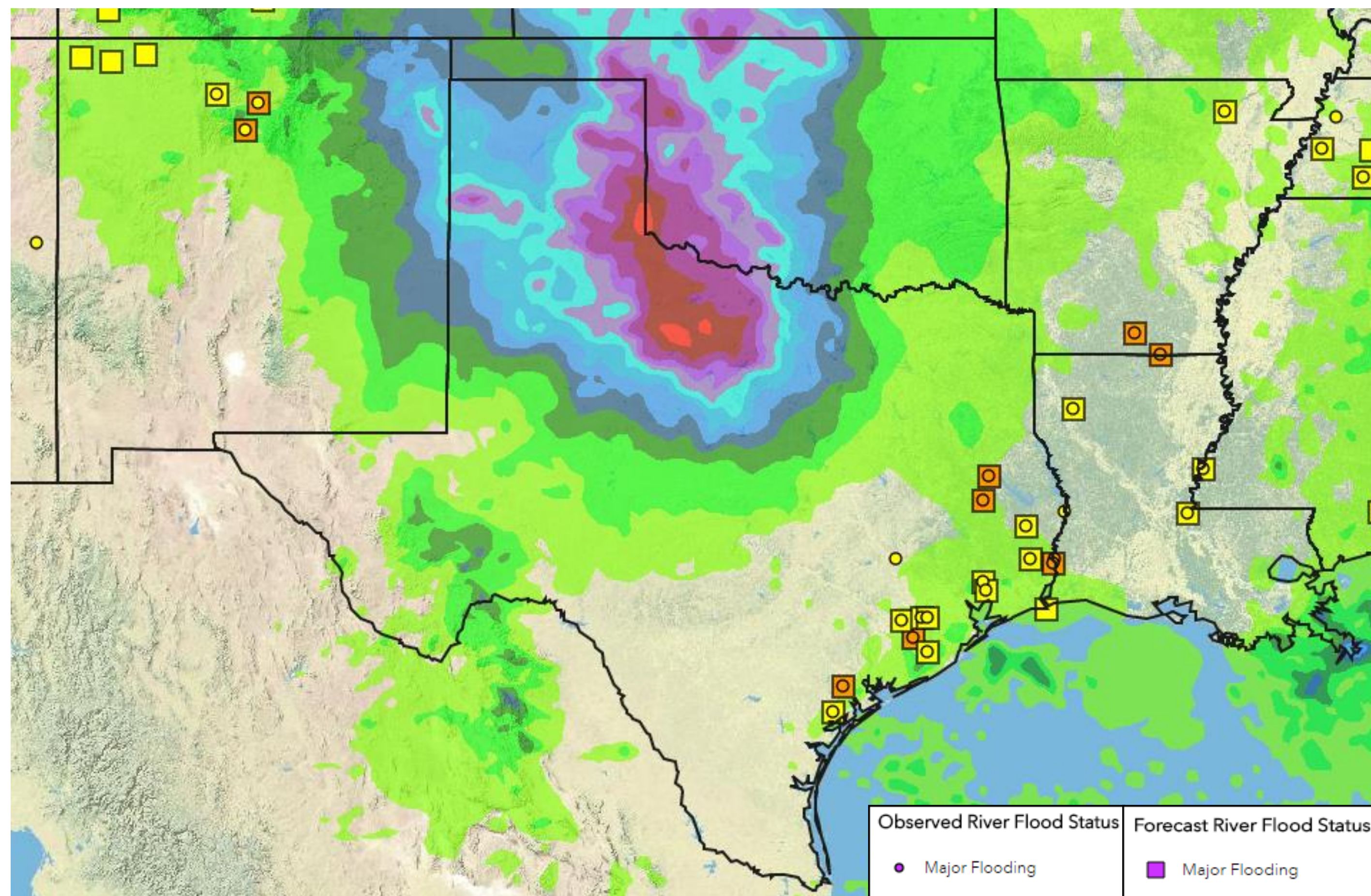


See <http://www.hurricanes.gov> for the latest on the tropics or any active storms



5-Day Precipitation Forecast & River Flood Status

Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall



| Observed River Flood Status | Forecast River Flood Status |
|-----------------------------|-----------------------------|
| Major Flooding | Major Flooding |
| Moderate Flooding | Moderate Flooding |
| Minor Flooding | Minor Flooding |
| Near | Near Flood |
| action | No Flooding |

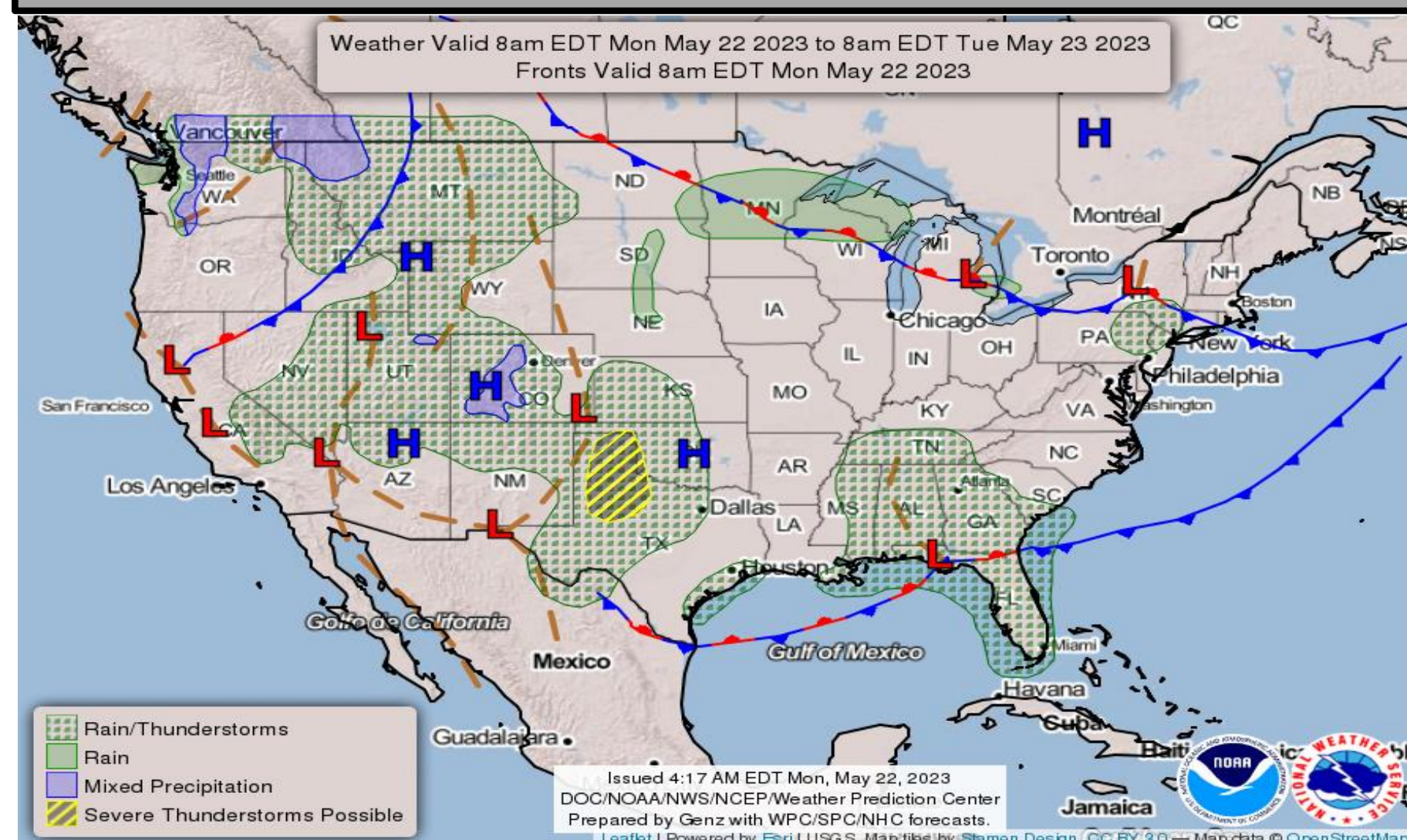
Minor river flooding across SE TX into Monday. Impacts to roads/highways, agricultural areas, and/or recreational areas.

<http://water.weather.gov/ahps> for latest river flooding

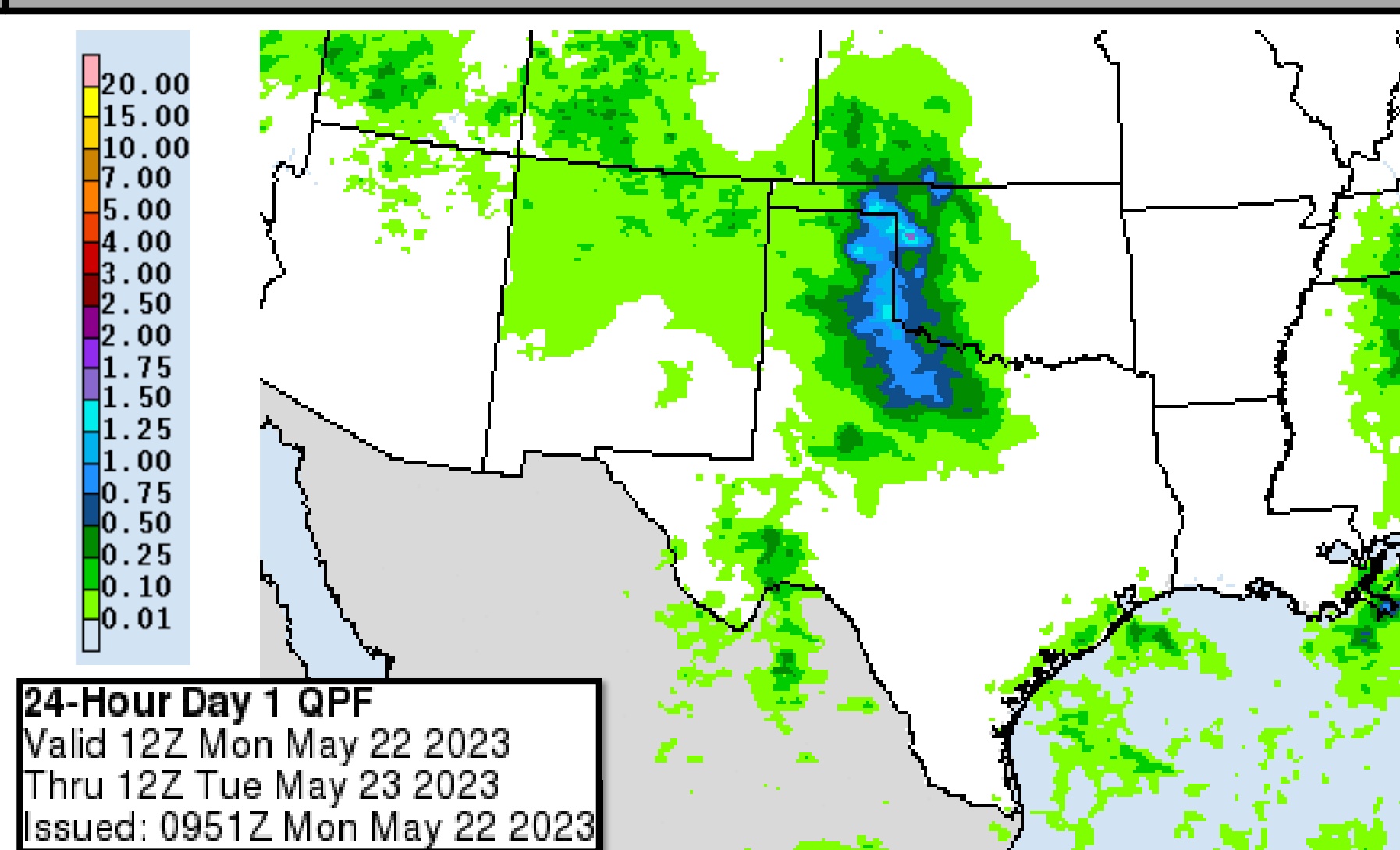


Today's Weather

Forecast Chart



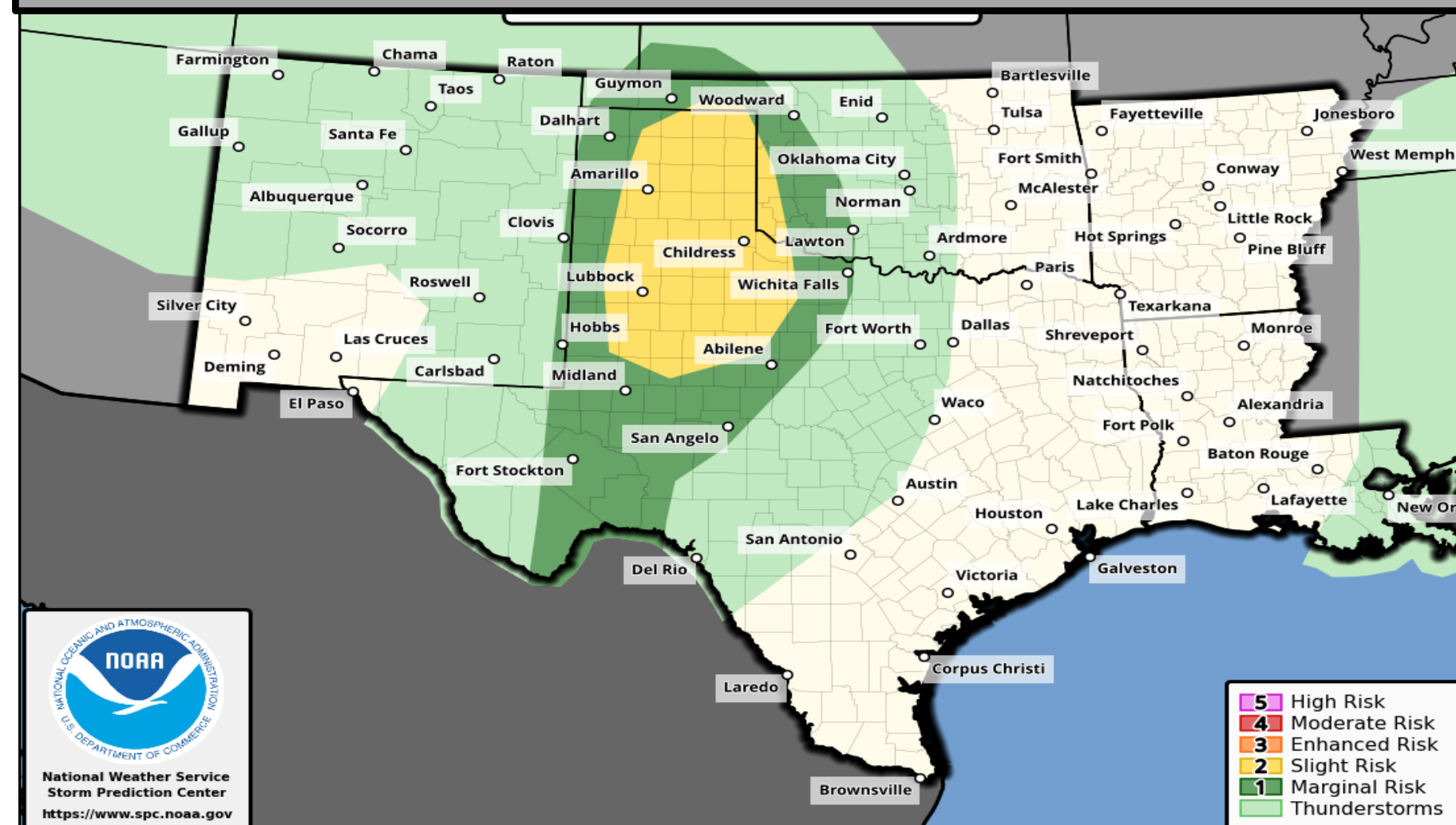
Forecast Rainfall



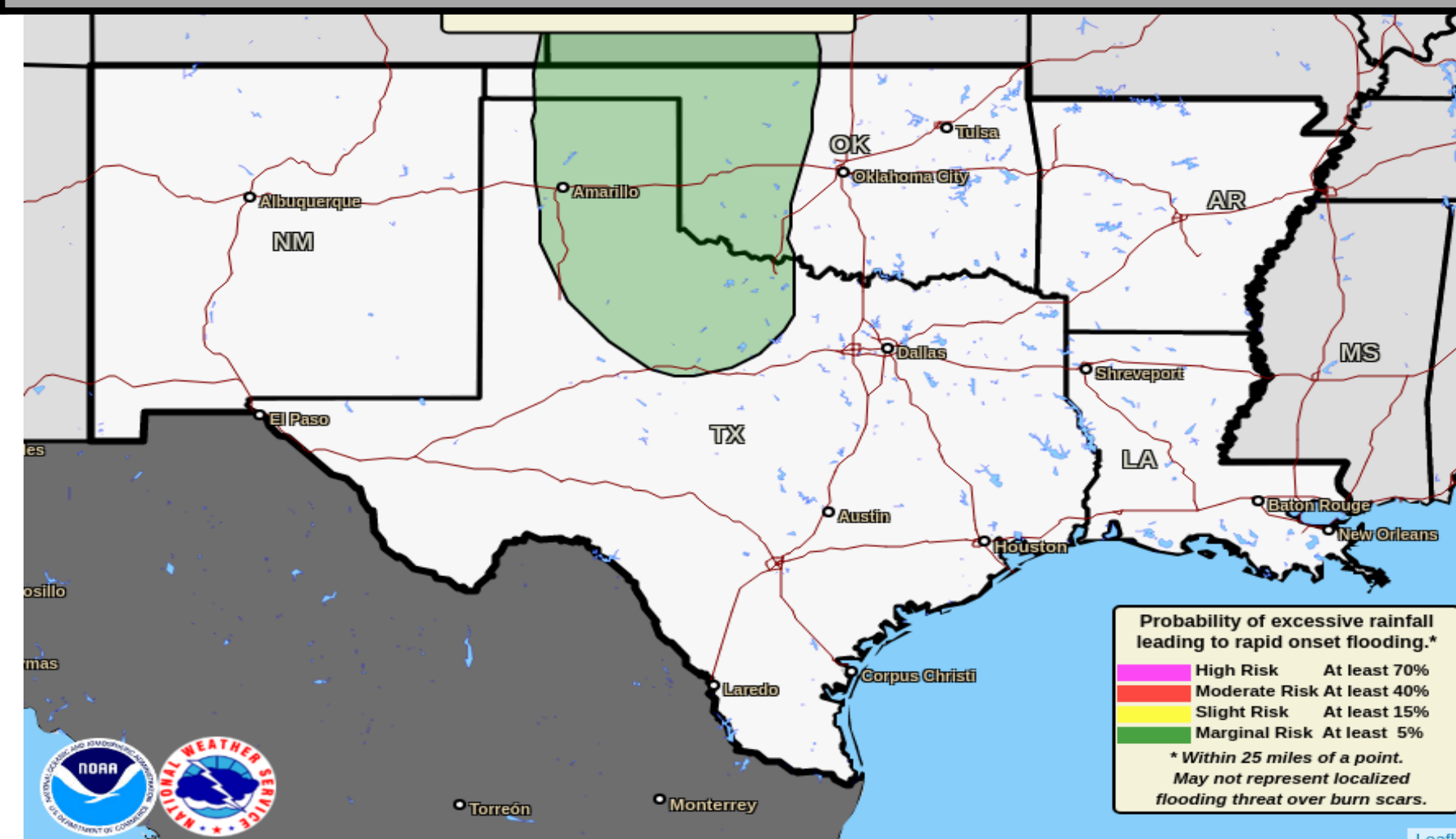
Scattered risk for severe storms over W TX and W OK for all hazards from 2 PM to 11 PM.

Isolated flash flooding over W OK and NW TX.

Severe Weather Outlook



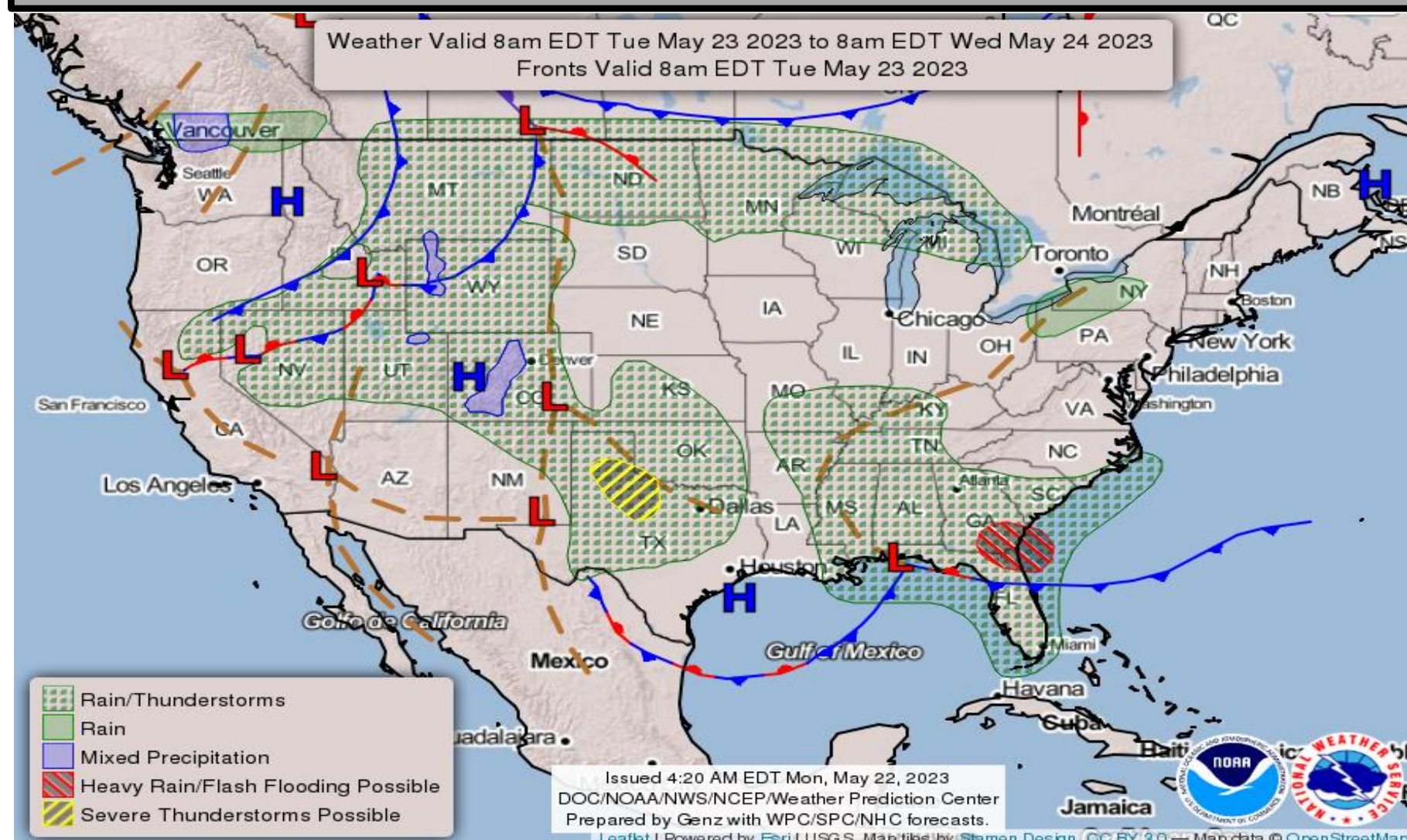
Excessive Rainfall Outlook



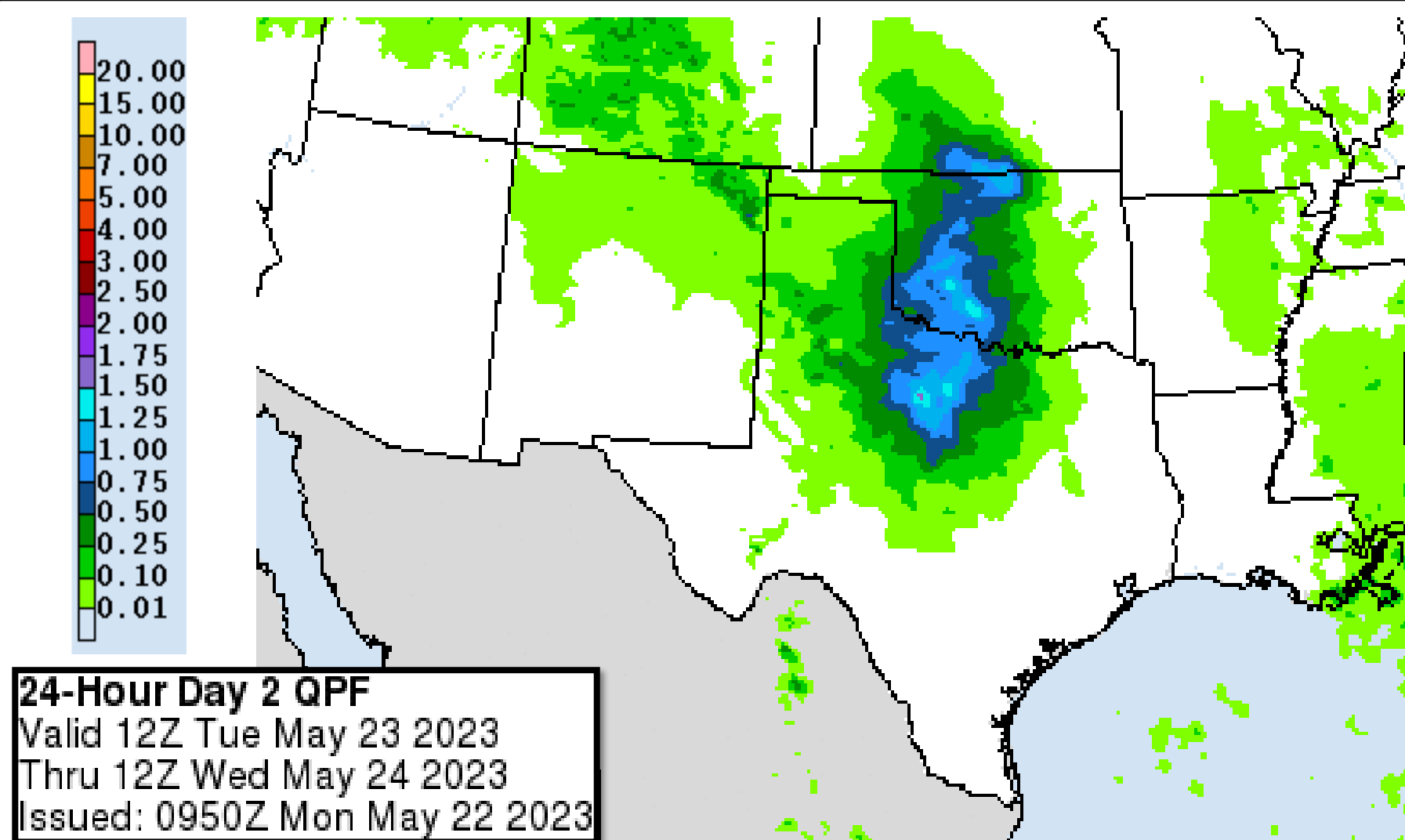


Tomorrow's Weather

Forecast Chart



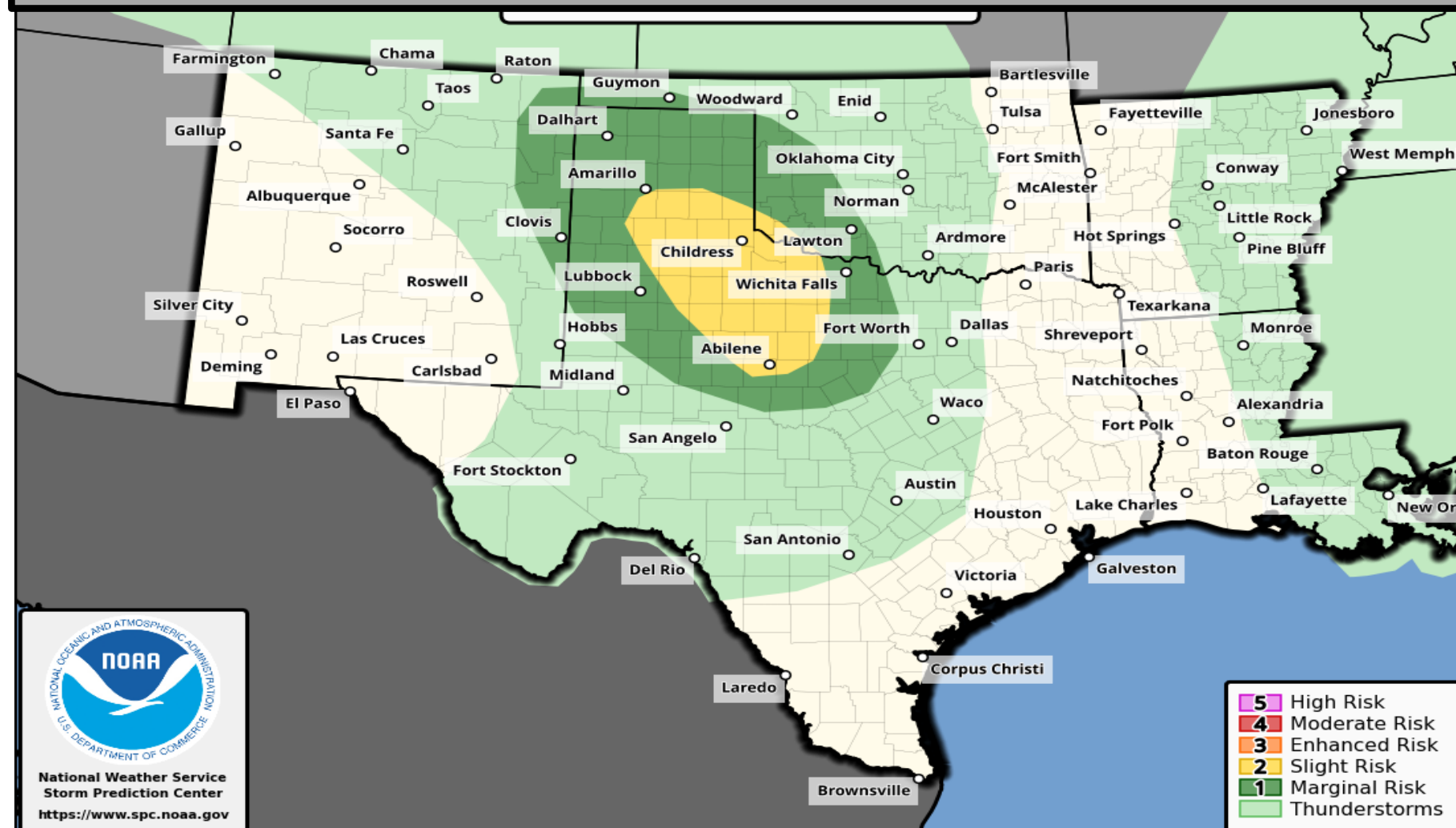
Forecast Rainfall



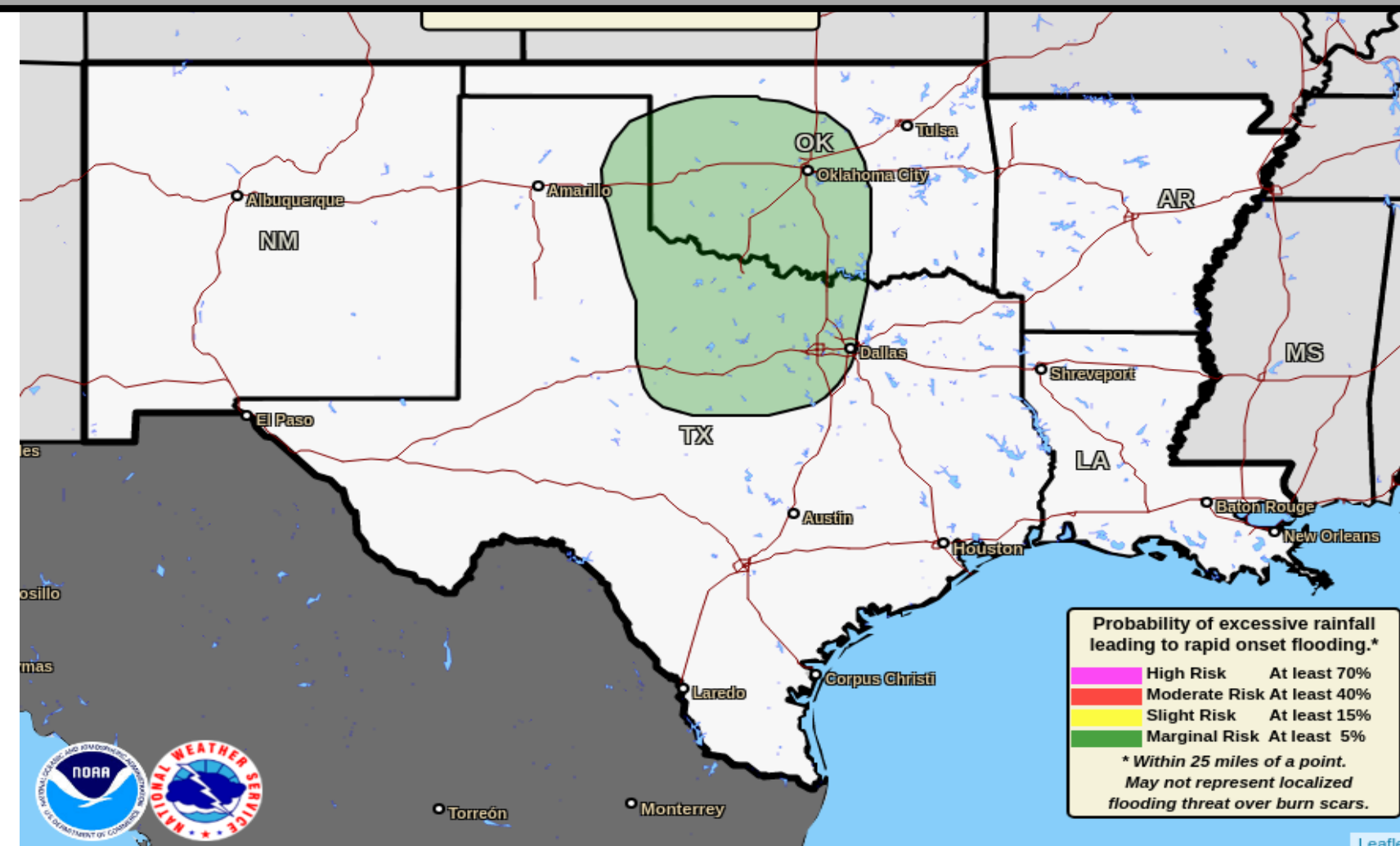
Scattered risk for severe storms over NE NM, W TX and W OK. Wind and hail will be the main threats, but an isolated tornado is possible.

Isolated flash flooding over Ctrl OK and N-Ctrl TX.

Severe Weather Outlook



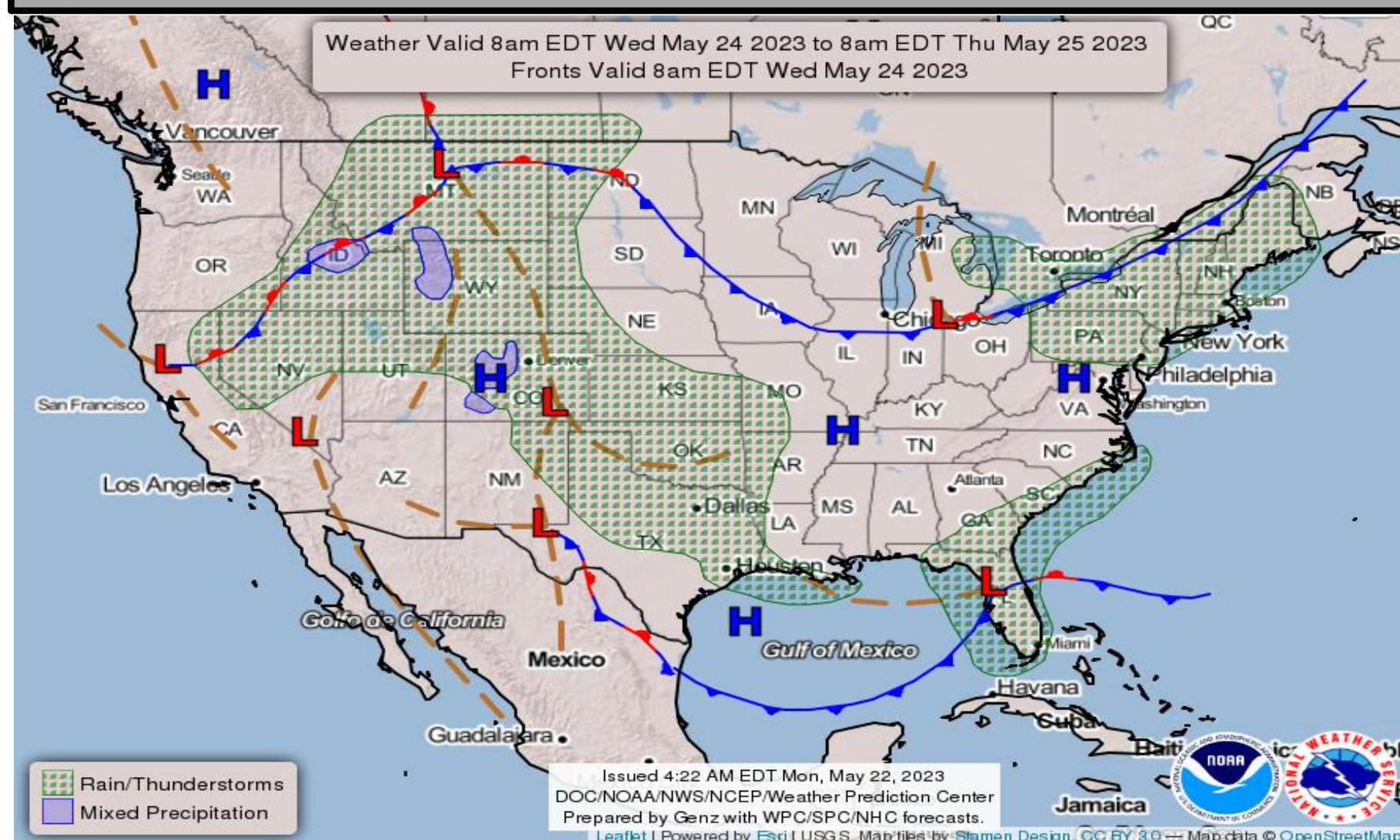
Excessive Rainfall Outlook



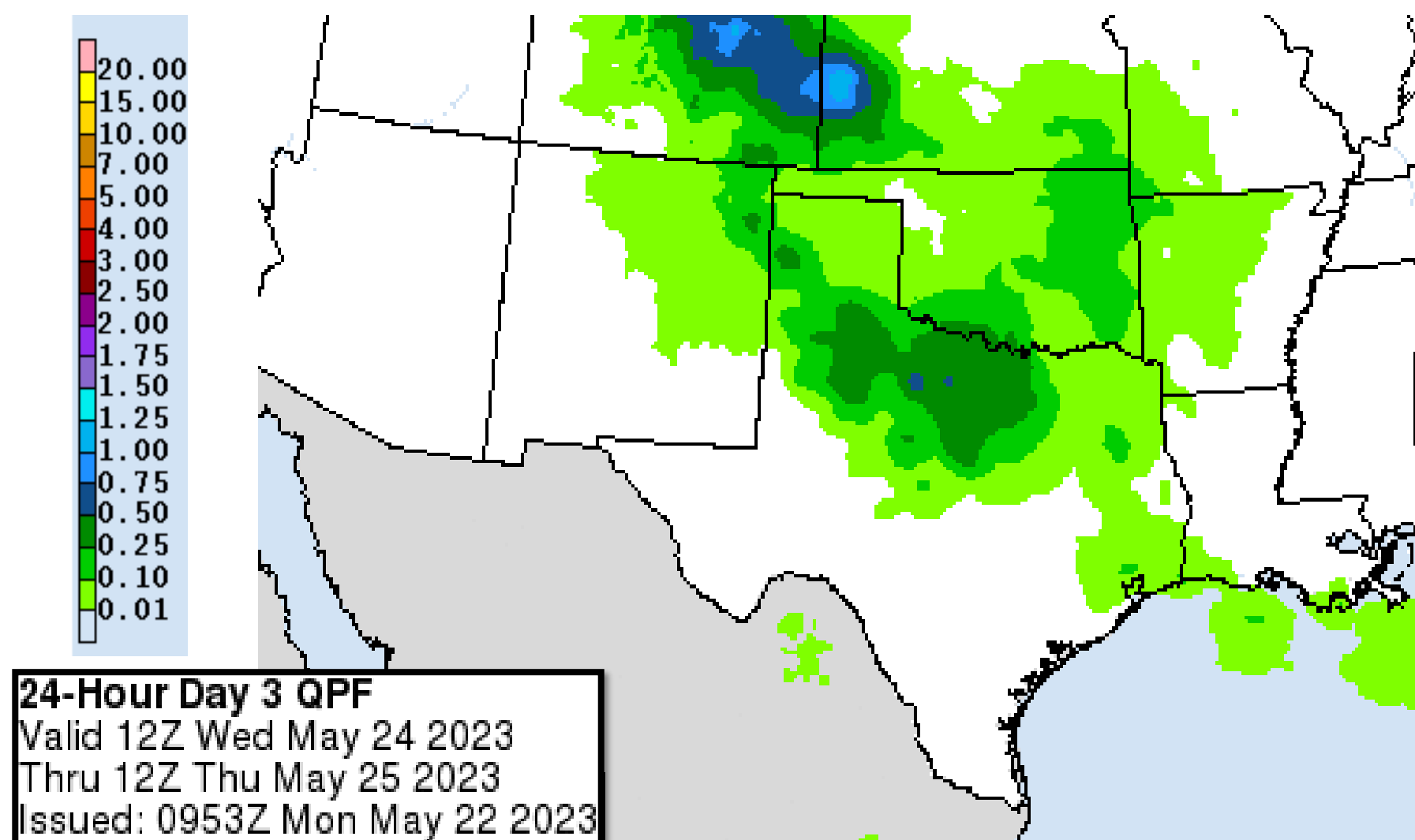


Wednesday's Weather

Forecast Chart

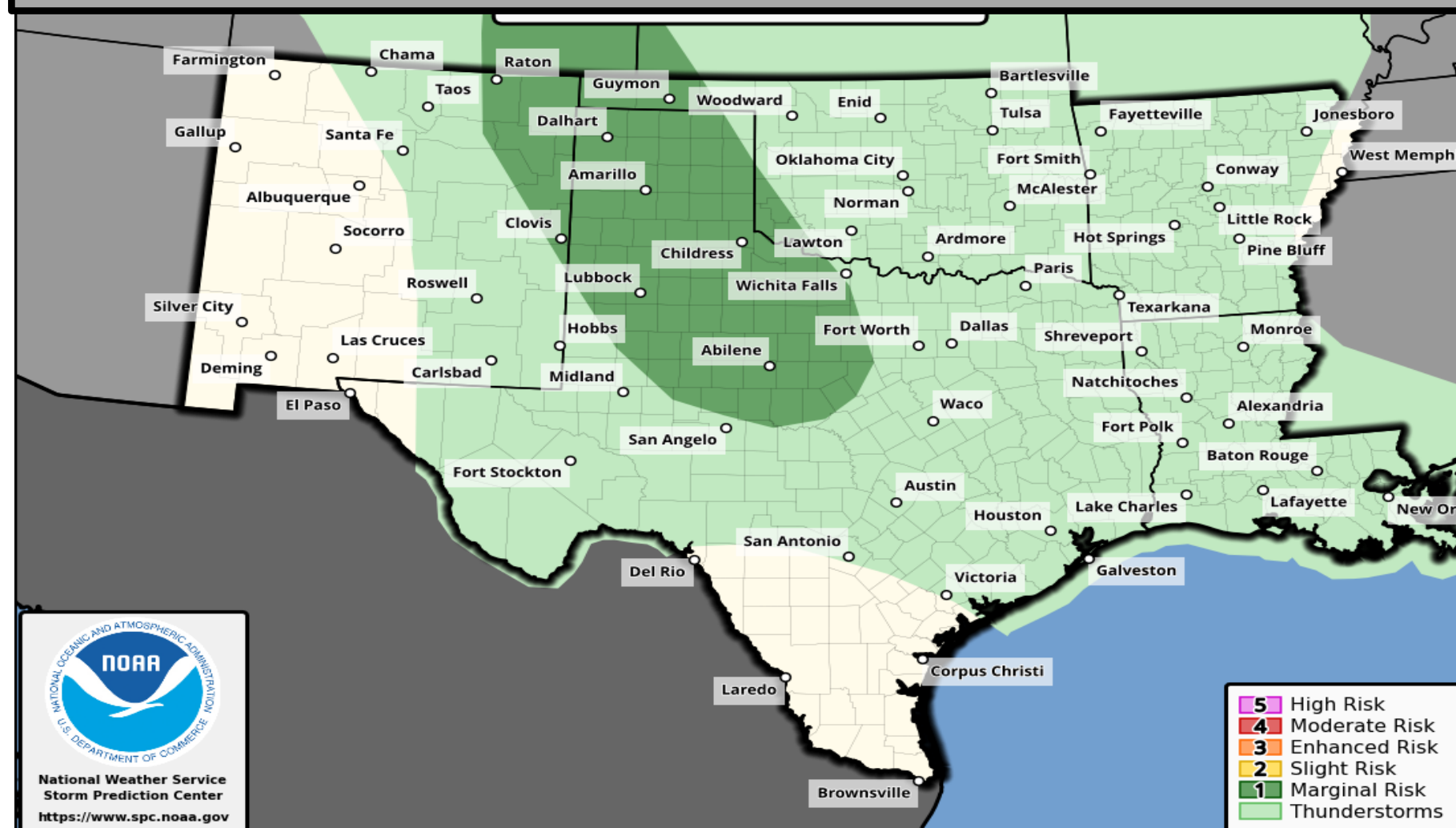


Forecast Rainfall

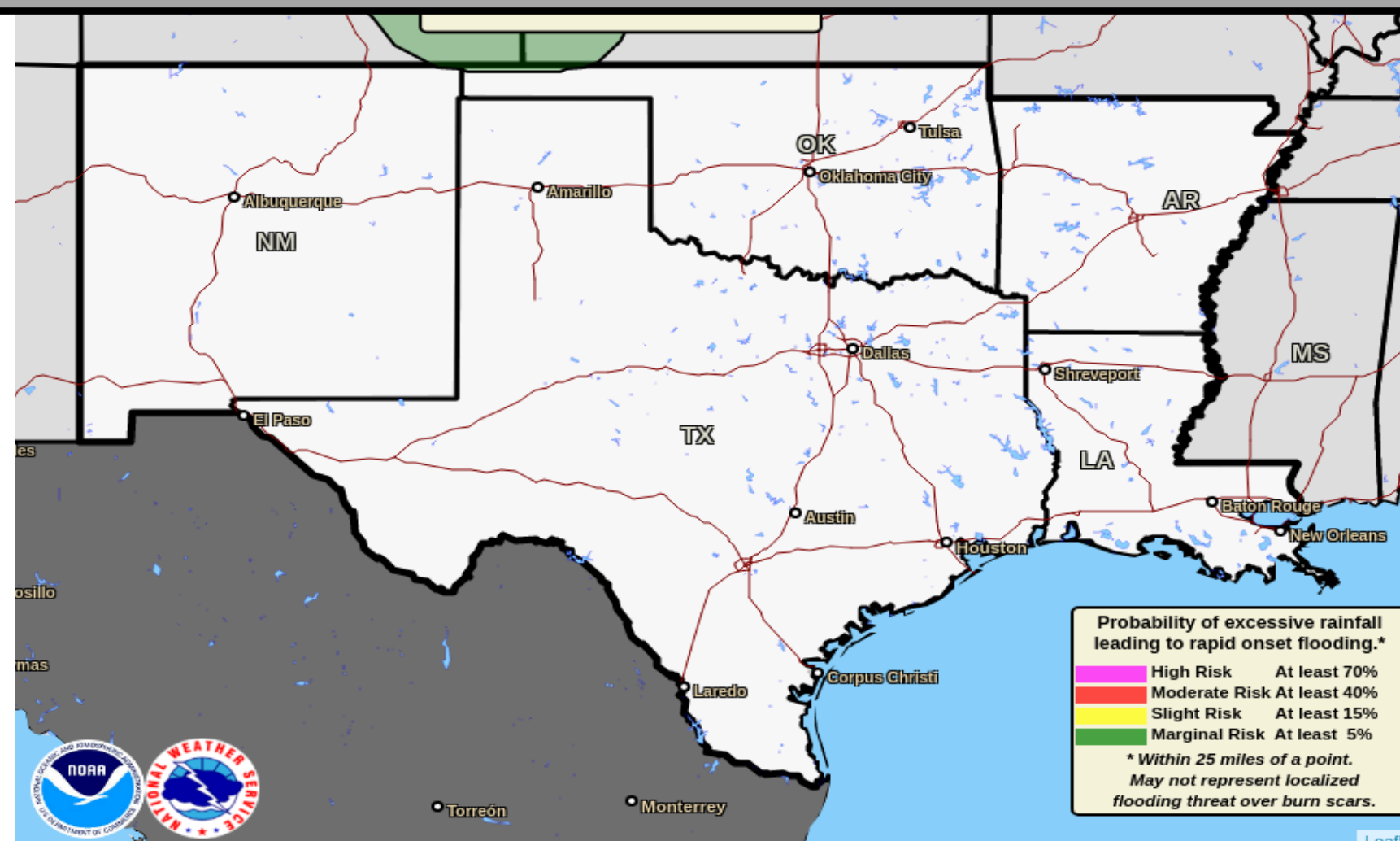


Isolated risk for severe storms
over NE NM, W TX and W OK.

Severe Weather Outlook



Excessive Rainfall Outlook

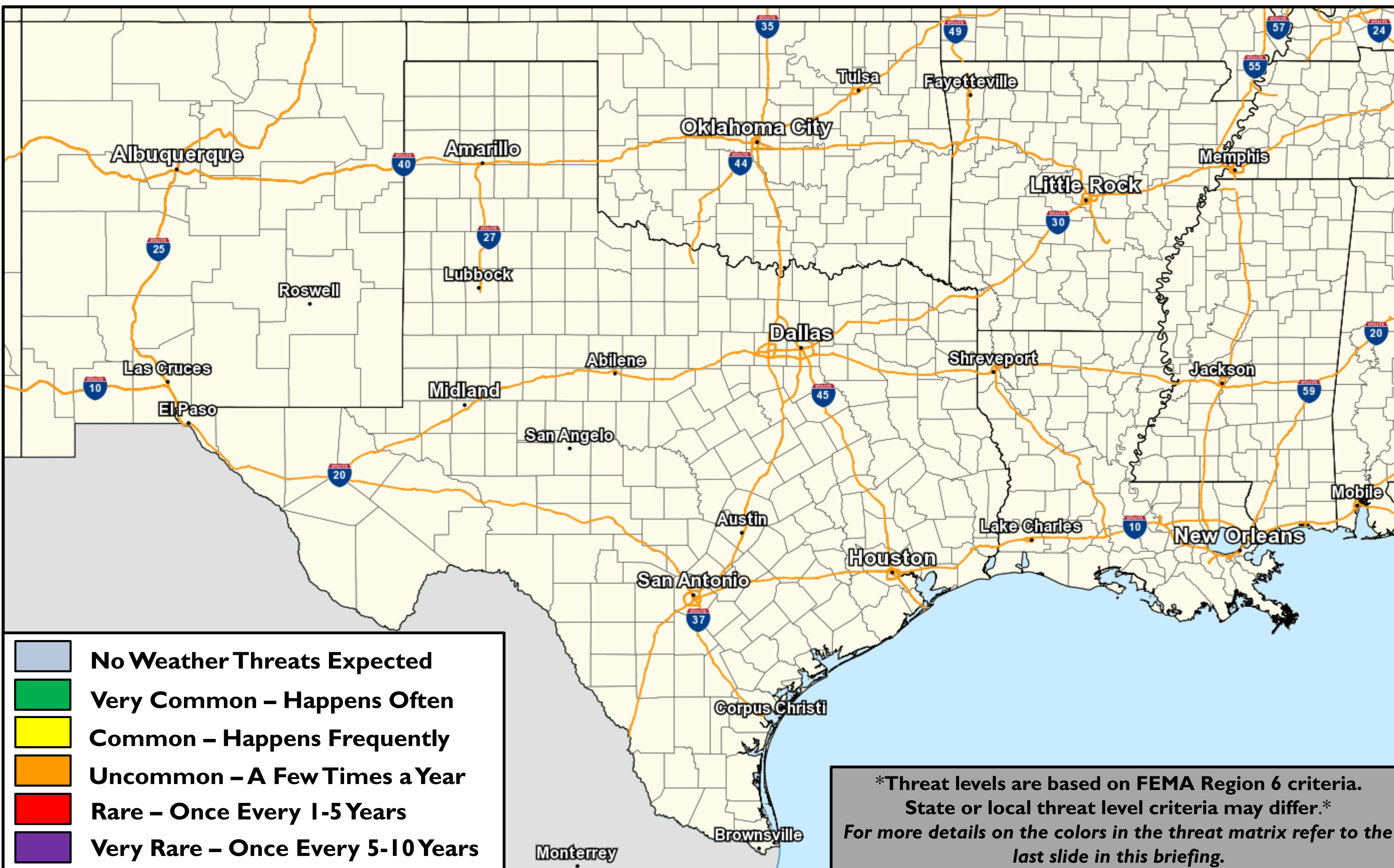




Days 4-5 Weather Hazards

Thursday - Friday

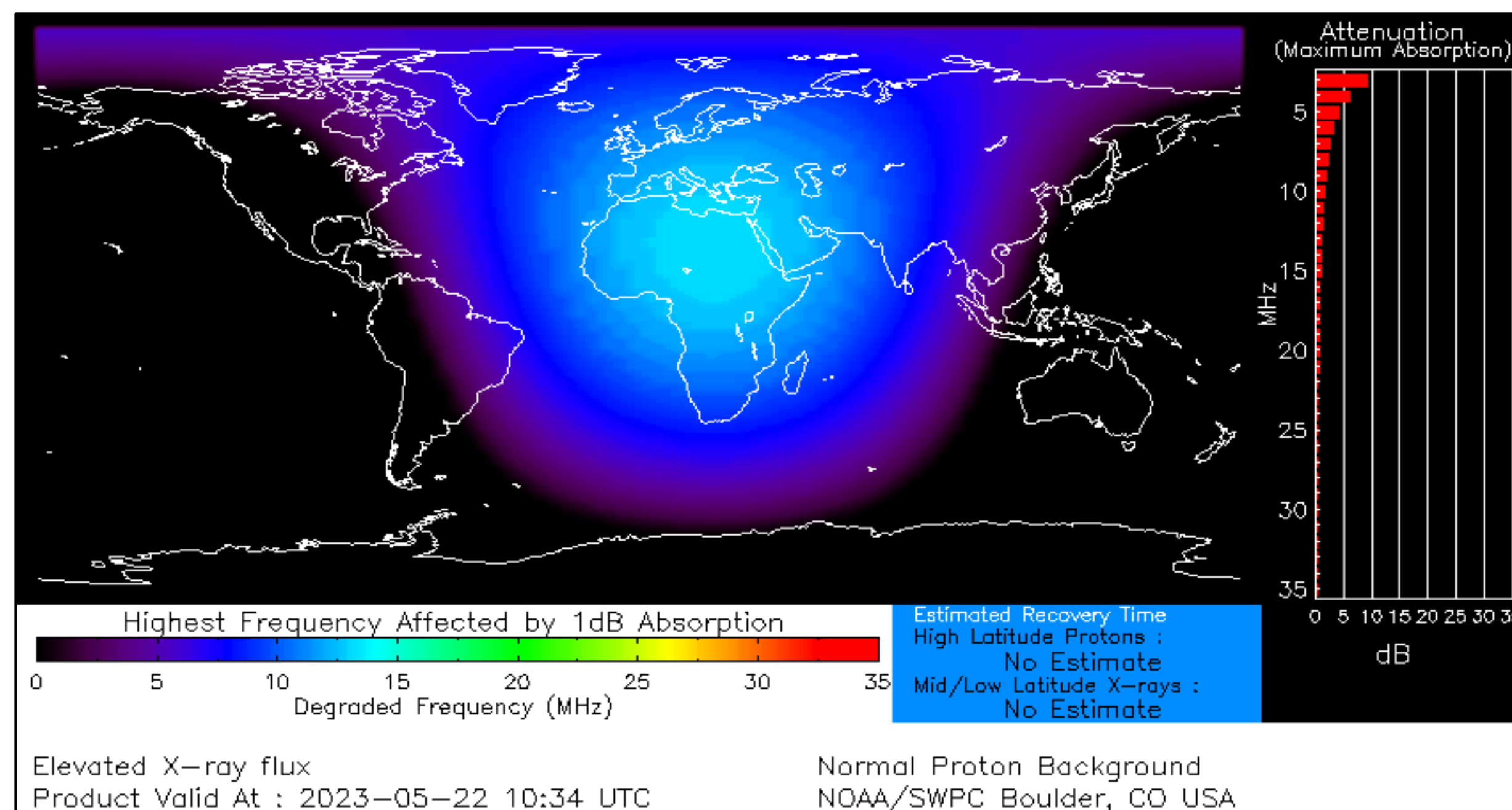
No significant impacts expected.





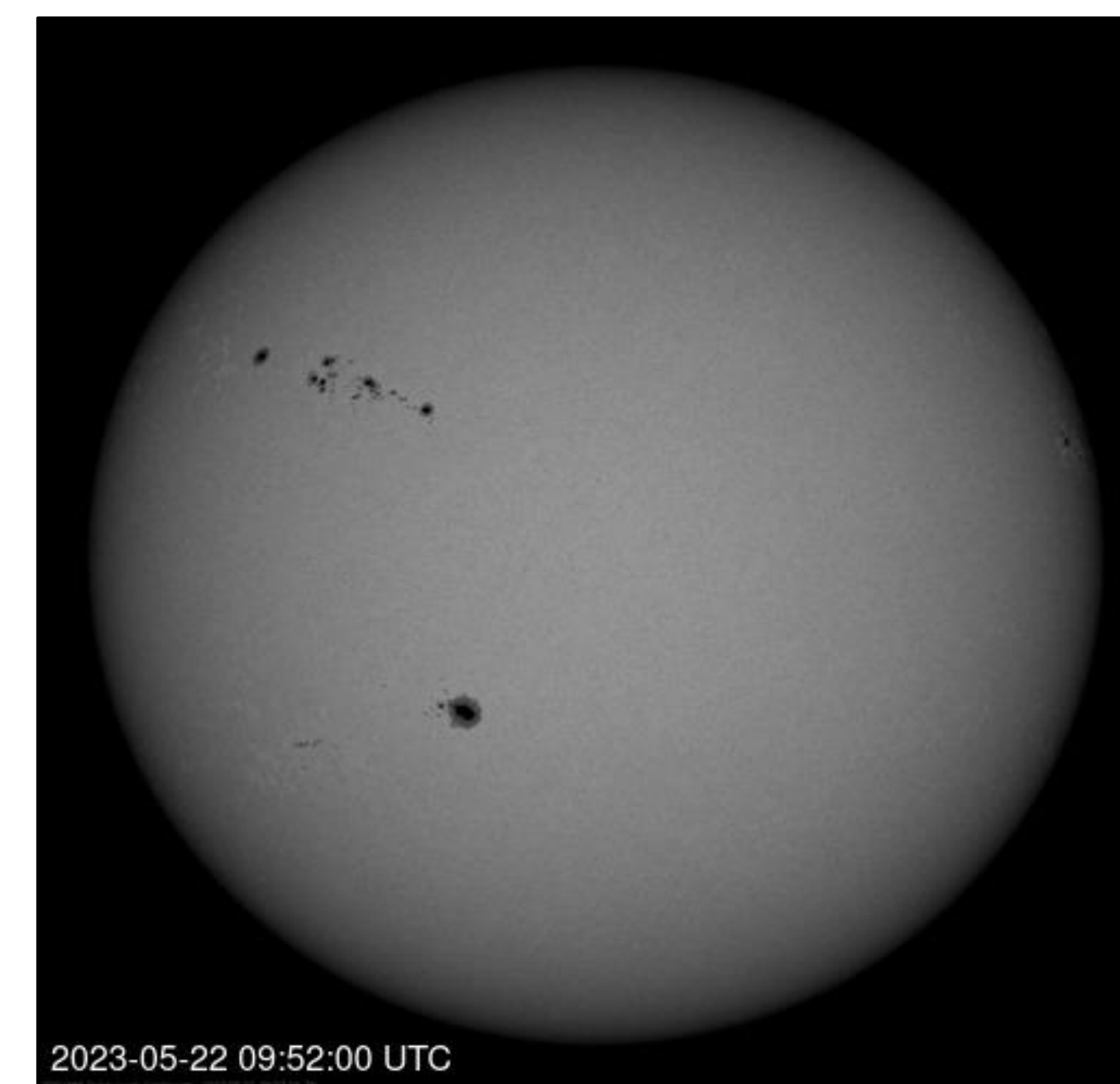
Space Weather 3-Day Forecast

| | Monday | Tuesday | Wednesday |
|--------------------------------------|-----------------------------------|----------------------------------|--------------------------------|
| Geomagnetic Storms | Unsettled (Max Kp = 3) | Minor G1 (Max Kp = 5) | Active (Max Kp = 4) |
| Solar Radiation Storm (S1-S5) | 15% | 15% | 15% |
| Radio Blackout (R1-R2) | 75% | 75% | 75% |
| Radio Blackout (R3-R5) | 30% | 30% | 30% |



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)





For more information, please contact:

National Weather Service
Southern Region Headquarters
Regional Operations Center
Fort Worth, TX

Phone: (682) 703-3747

E-mail: sr-srh.roc@noaa.gov

Web: <http://www.weather.gov/srh>



Weather “Threat” Matrix for FEMA Region VI

| Color | Definition | Criteria | Example(s) |
|--------|--|---|--|
| Green | Very Common Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines | Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active | <ul style="list-style-type: none"> Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees Something that happens almost every day in a particular season such as sea breeze storms in coastal TX |
| Yellow | Somewhat Common – Happens Frequently Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life | Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook | <ul style="list-style-type: none"> 2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail |
| Orange | Uncommon – A Few Times a Year Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life | Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions | <ul style="list-style-type: none"> A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail Some large fires reported, burn bans advertised, critical conditions expected |
| Red | Rare – Once every 1-5 Years Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life | Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought | <ul style="list-style-type: none"> A Category 1 hurricane will be moving towards the NW Gulf in the next few days Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail Large fires ongoing throughout the area with critical fire weather conditions expected to continue |
| Purple | Very Rare – Once Every 5-10 Years Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life | Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought | <ul style="list-style-type: none"> A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms |

Criteria for the color codes in this briefing is to the left, please provide any feedback to

sr-srh.roc@noaa.gov